Copolymers" Filed 11/21/03

Attorney Docket 133-02



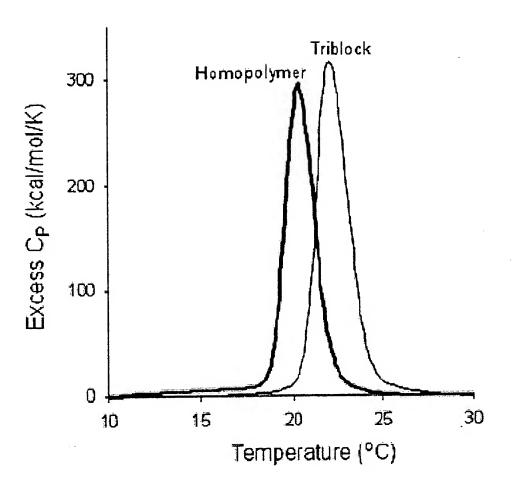


Figure 1

Copolymers"

Filed 11/21/03 Attorney Docket 133-02

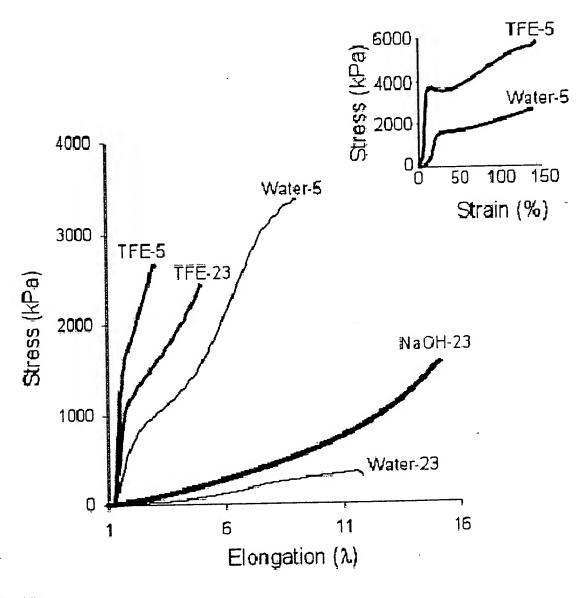


Figure 2

Inventors: Chaikof et al.
Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03
Attorney Docket 133-02

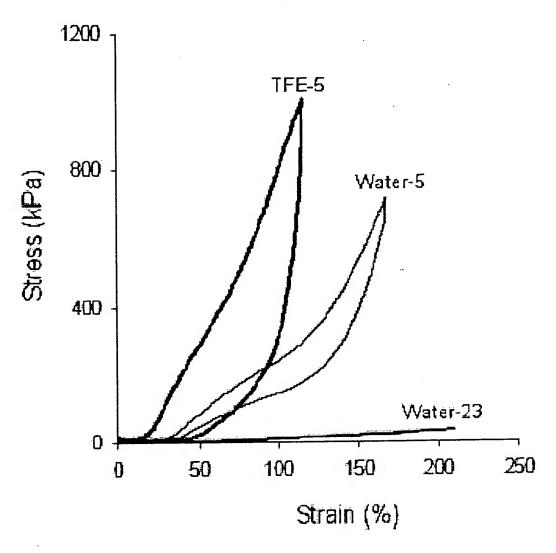


Figure 3

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

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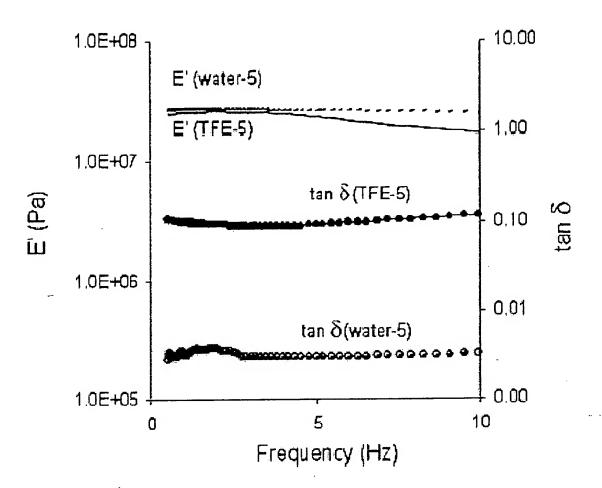


Figure 4.

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

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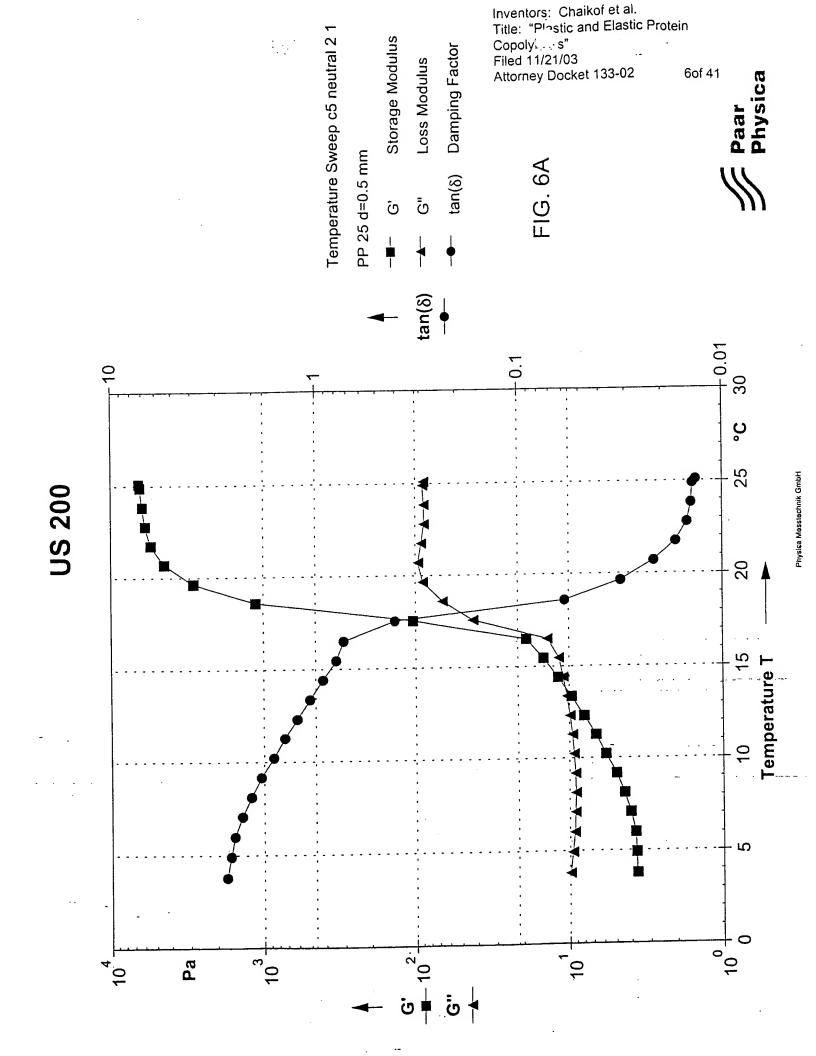
CTC TTC N NN NNN NNN NNN

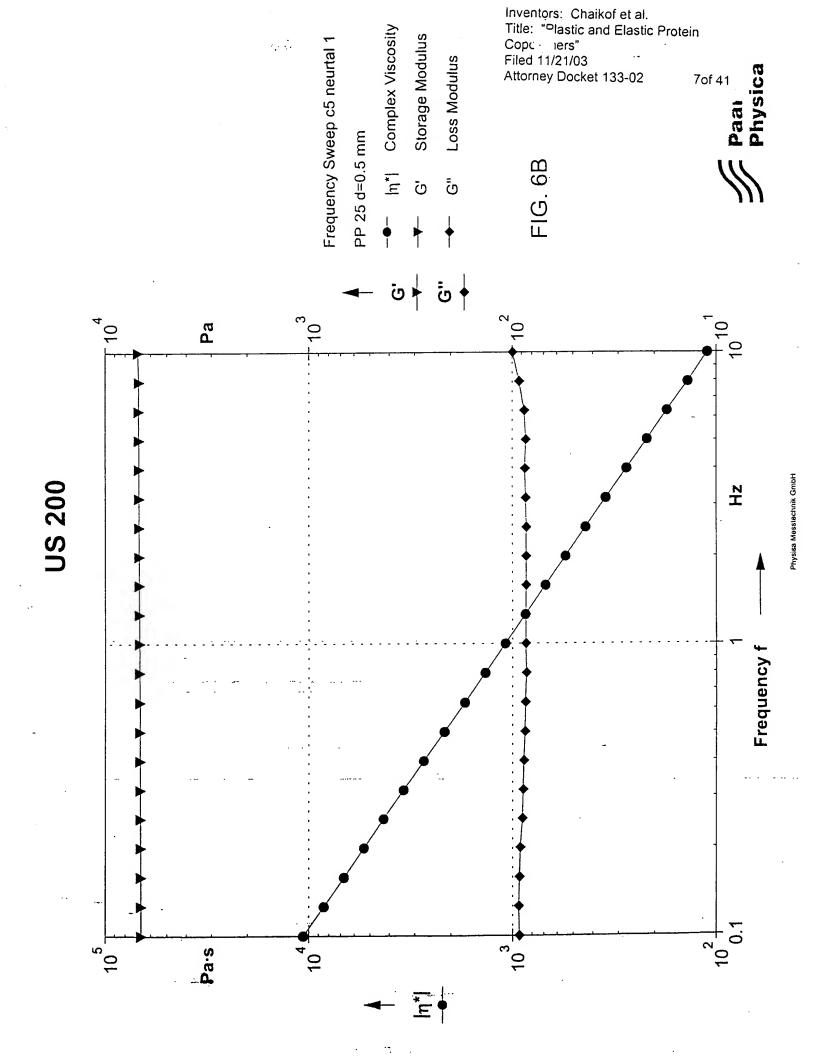
CTC TTC N N NN NNN
GAG AAG N NN NNN

Figure 5A

AGT N NG TAT CTCTTC ANN -GAG AAG TCA $N \quad N\underline{C} \quad -\underline{A}\underline{T}A$ CTC TTC N NG TAT GAA GAG CTCCTTAAG N NC ATA GAG TCA TNN

Figure 5B





inventors: Unaikot et al.

Title: "Plastic and Elastic Protein Copolymers" Filed 11/21/03 Attorney Docket 133-02

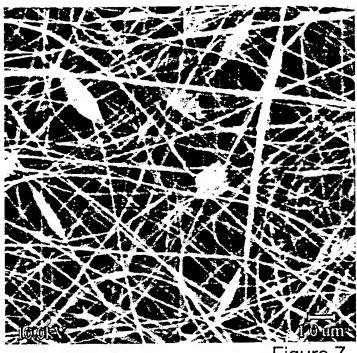


Figure 7.

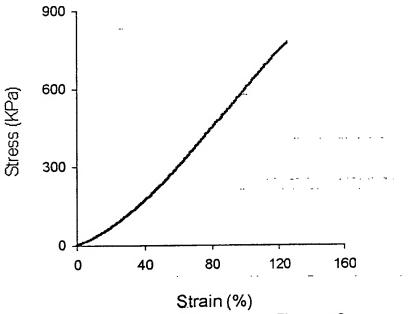


Figure 8.

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Title: "Plastic and Elastic Protein Copolymers"
Filed 11/21/03
Attorney Docket 133-02

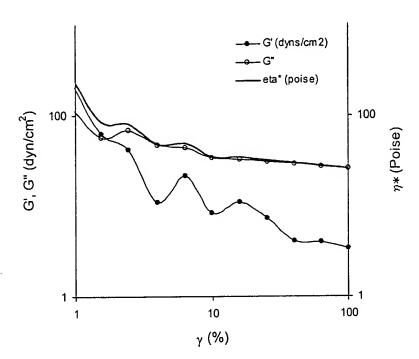


Figure 9.

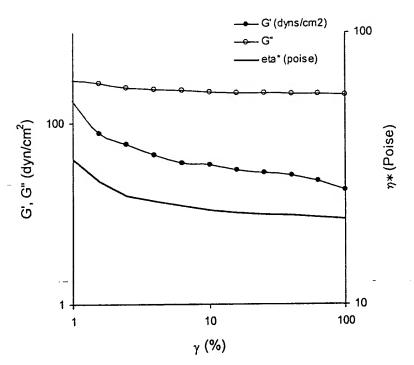


Figure 10.

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

: ·.

Attorney Docket 133-02



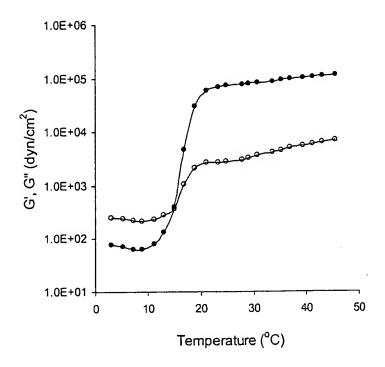


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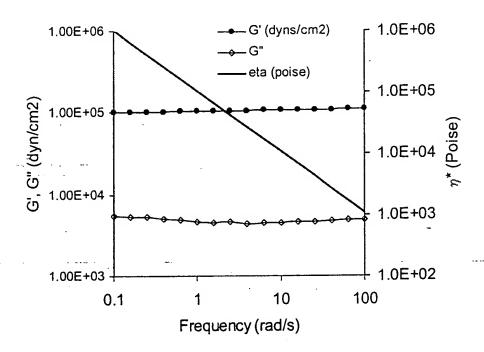


Figure 12.

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

Attorney Docket 133-02 11of 41

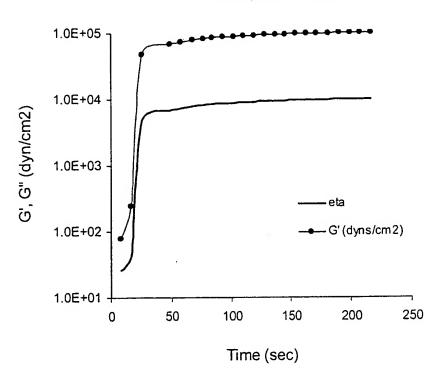


Figure 13.

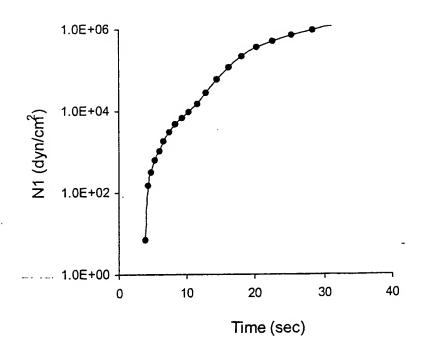


Figure 14.

Copolymers"
Filed 11/21/03
Attorney Docket 133-02

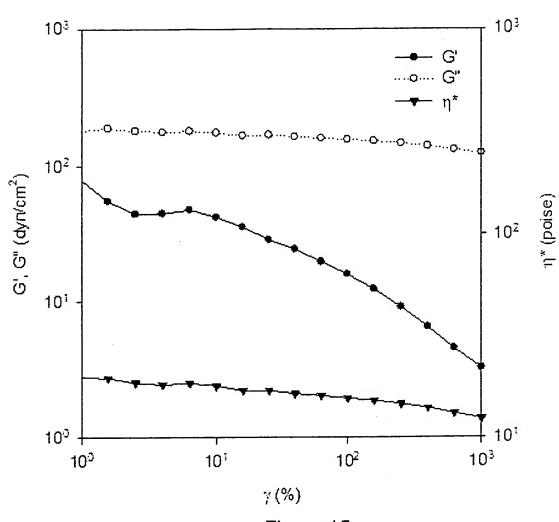
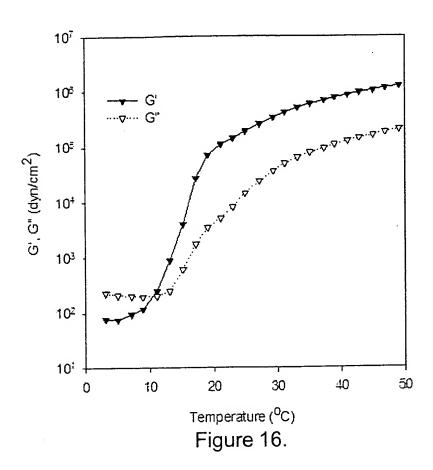


Figure 15.

Inventors: Chaikof et al.
Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03
Attorney Docket 133-02



Copolymers"
Filed 11/21/03
Attorney Docket 133-02

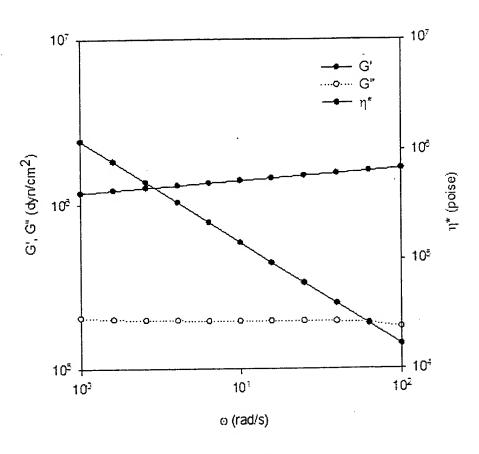


Figure 17.

Inventors: Chaikof et al.
Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03
Attorney Docket 133-02

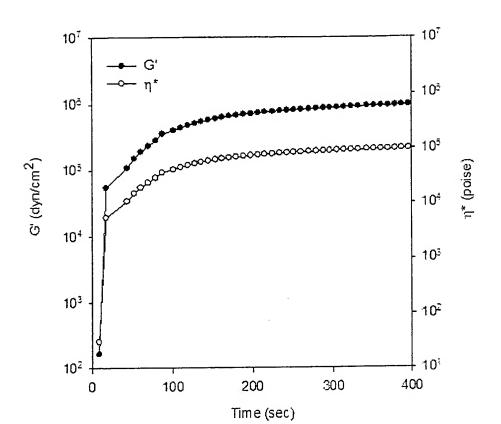
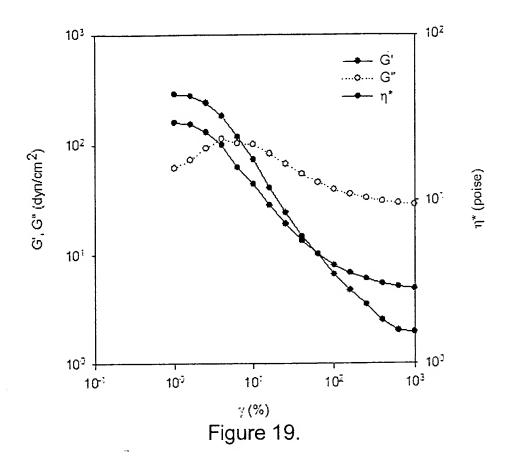


Figure 18.

Inventors: Chaikof et al.
Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03
Attorney Docket 133-02



Copolymers" Filed 11/21/03 Attorney Docket 133-02

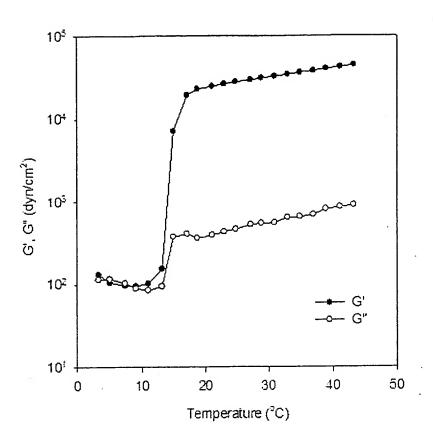


Figure 20.

Copolymers"
Filed 11/21/03
Attorney Docket 133-02



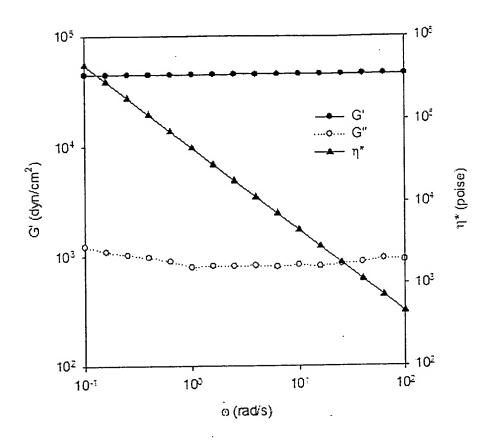
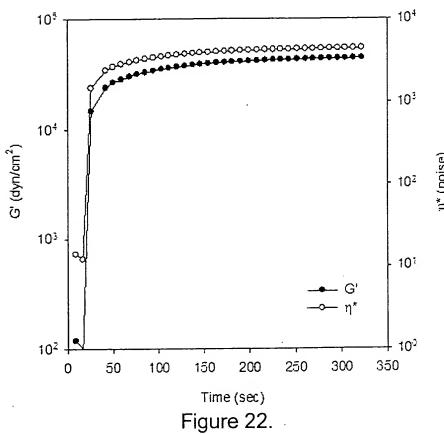


Figure 21.

Filed 11/21/03

Attorney Docket 133-02



Copolymers"
Filed 11/21/03
Attorney Docket 133-02

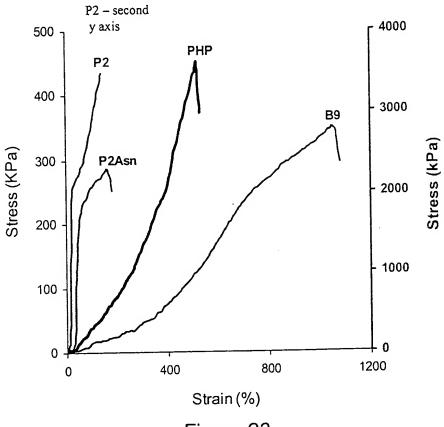


Figure 23

Title: "Plastic and Elastic Protei-

Copolymers"

Filed 11/21/03 Attorney Docket 133-02

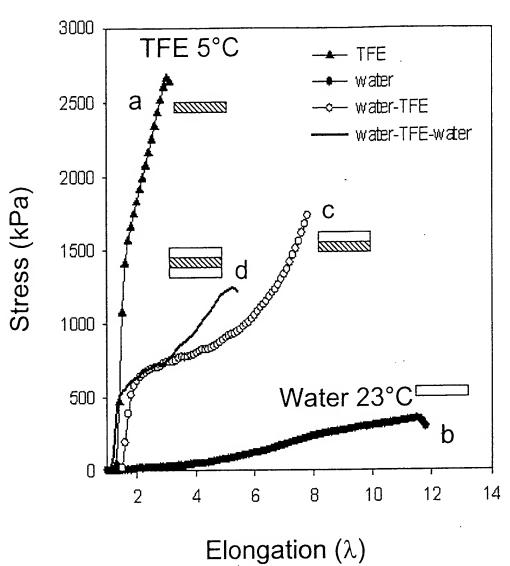


Figure 24.

Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03
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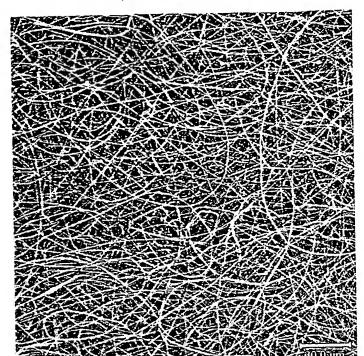


Figure 25A.

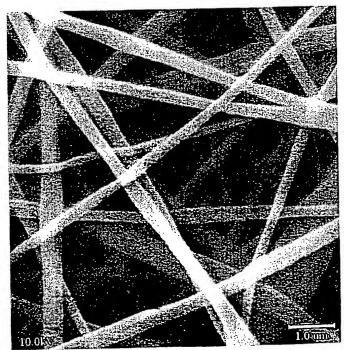


Figure 25B.

Inventors: Chaikor et al.

Title: "Plastic and Elastic Protein
Copolymers"

Filed 11/21/03

Attorney Docket 133-02

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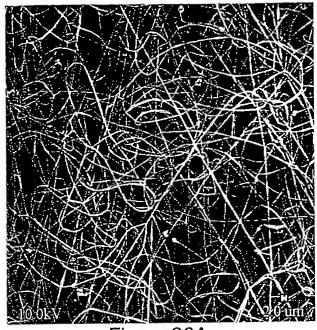


Figure 26A.

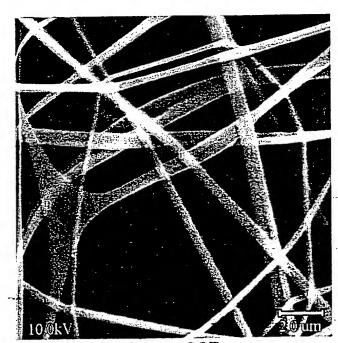


Figure 26B.

Inventors: Charkof et al.

Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03

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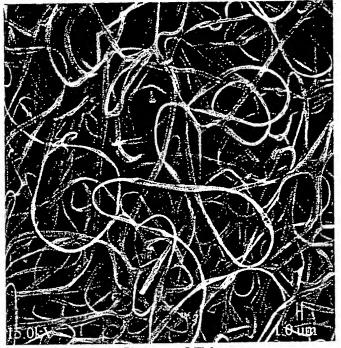


Figure 27A.

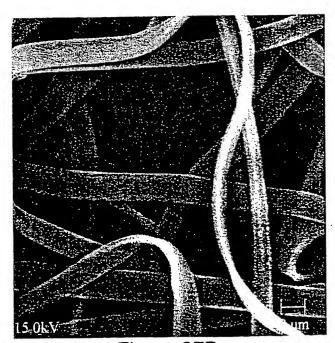


Figure 27B.

Inventors: Chaikof et al.
Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03
Attorney Docket 133-02
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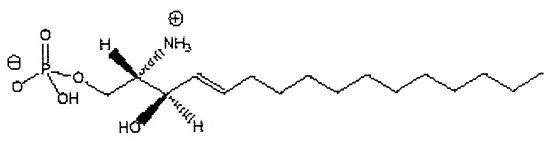


Figure 28.

Title: "Plastic and Elastic Protein

Copolymers"

Filed 11/21/03 Attorney Docket 133-02

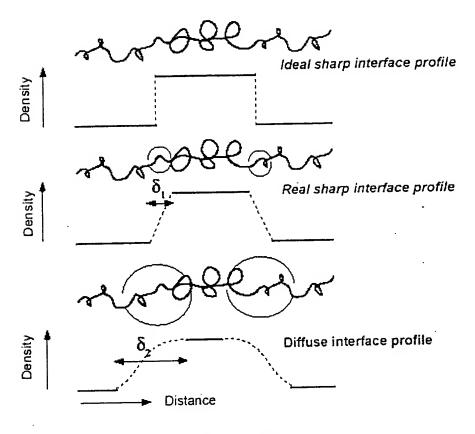
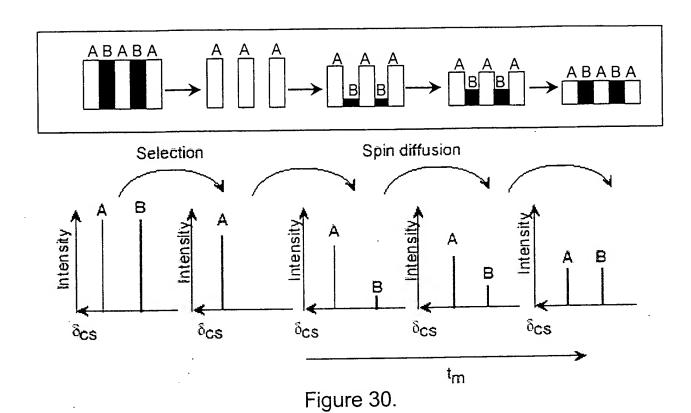


Figure 29.

Copolymers"

Filed 11/21/03

Attorney Docket 133-02

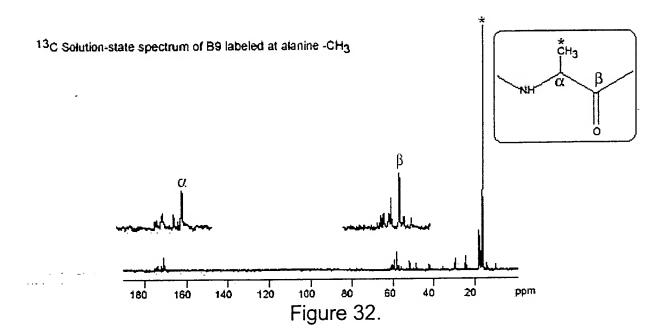


Title: "Plastic and Elastic Protein Copolymers"

Filed 11/21/03 Attorney Docket 133-02



Figure 31.



Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

Attorney Docket 133-02

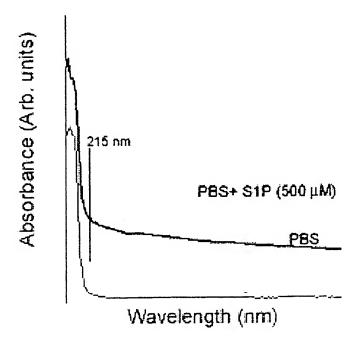


Figure 33.

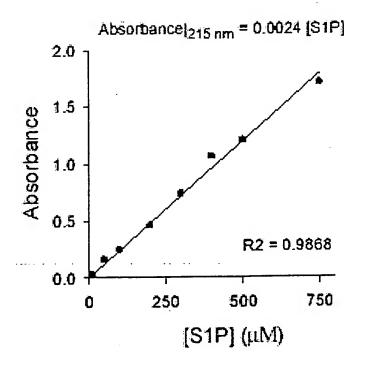


Figure 34.

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

Attorney Docket 133-02

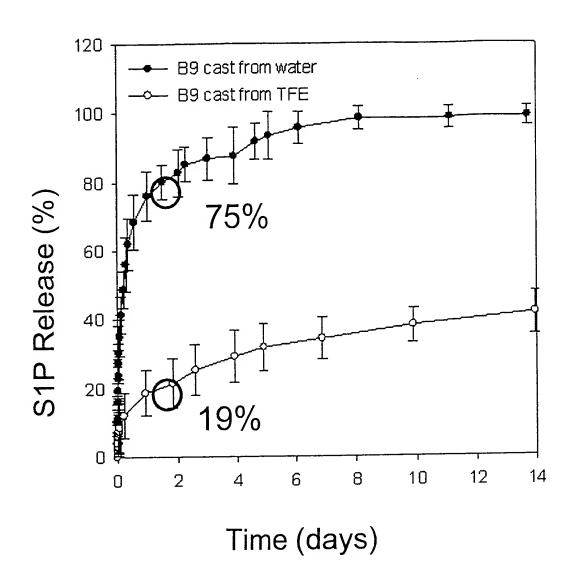


Figure 35.

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

Attorney Docket 133-02

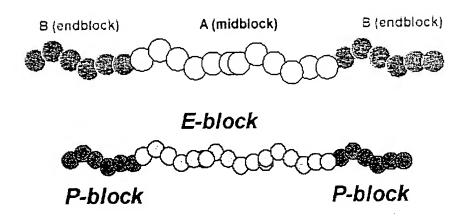


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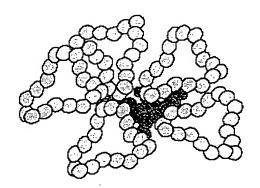


Figure 37.

Inventors: Chaikof et al.
Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03
Attorney Docket 133-02
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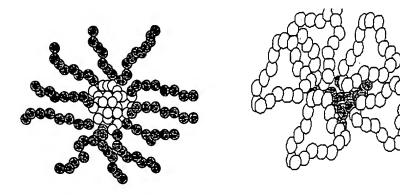


Figure 38.

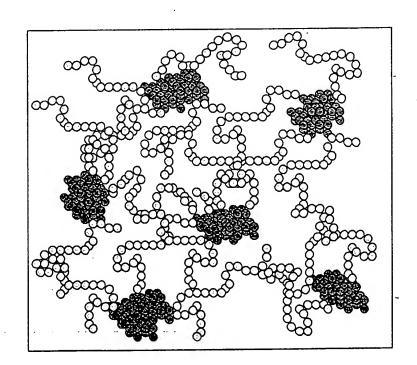


Figure 39.

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

Attorney Docket 133-02

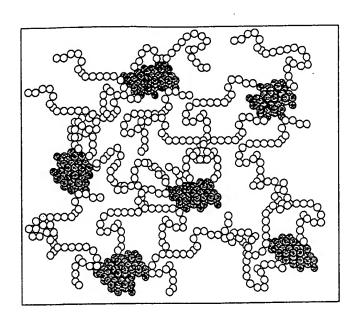
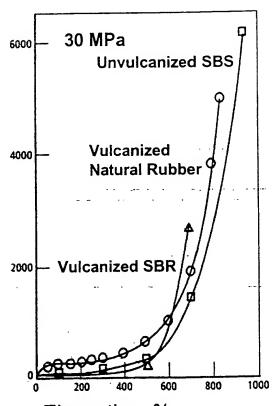


Figure 40A.



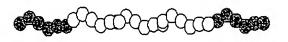
Elongation, % Figure 40B.

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

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Tt >> 37 °C Conformationally flexible

Tt << 37 °C (13 °C) Conformationally rigid

Figure 41.

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

Attorney Docket 133-02

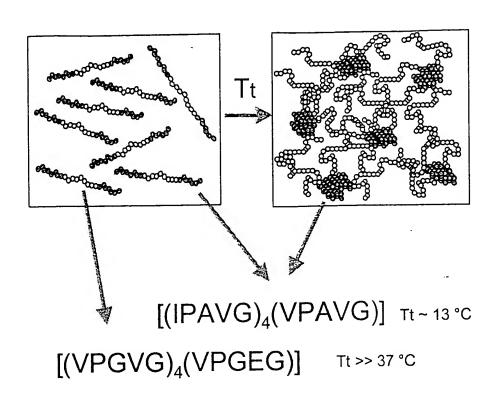


Figure 42.

Filed 11/21/03

Attorney Docket 133-02

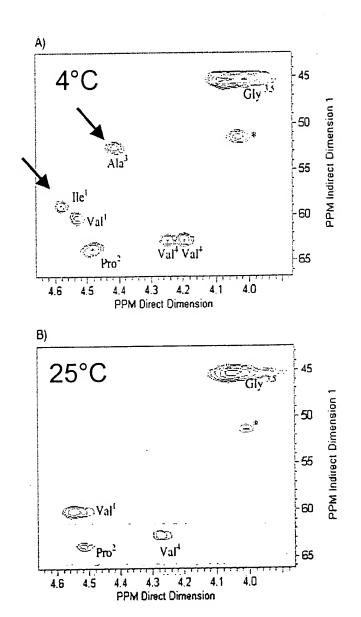


Figure 43.

Title: "Plastic and Elastic Protein

Copolymers* Filed 11/21/03

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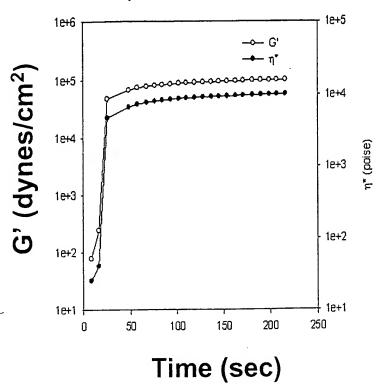


Figure 44.

Stress-strain curve

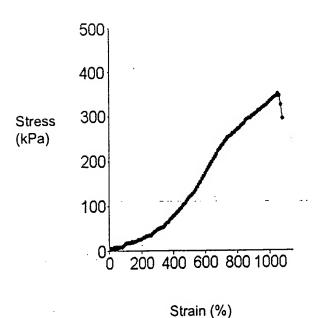


Figure 45.

Copolymers"
Filed 11/21/03

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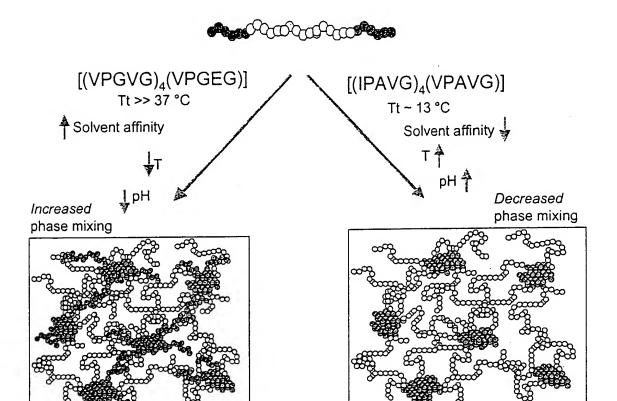


Figure 46.

Inventors: Chaikof et al.
Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03
Attorney Docket 133-02 390

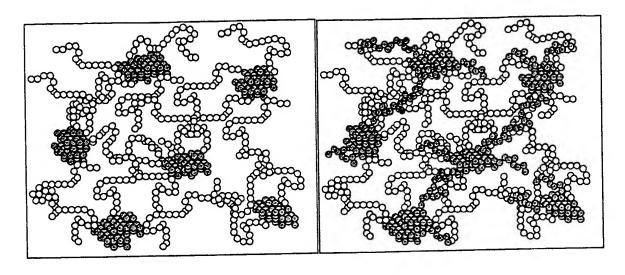


Figure 47.

Title: "Plastic and Elastic Protein

Copolymers" Filed 11/21/03

Attorney Docket 133-02

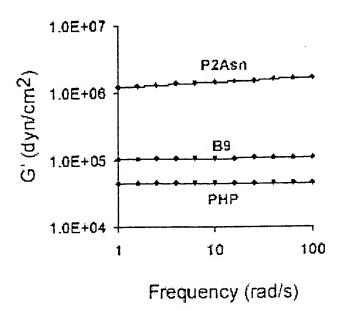


Figure 48A.

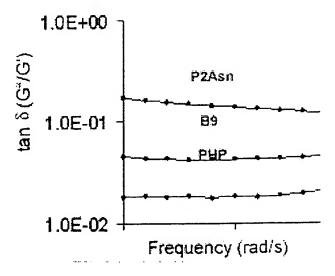
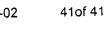


Figure 48B.

Inventors: Chaikof et al.
Title: "Plastic and Elastic Protein
Copolymers"
Filed 11/21/03
Attorney Docket 133-02
410



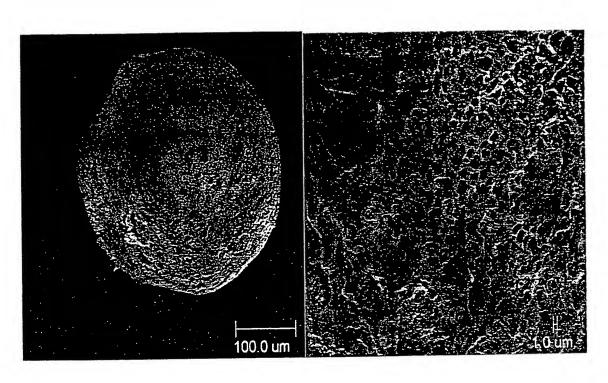


Figure 49.

Operating System: Windows 2000; Patentin 3.2.3
Applicant: Chaikof
Title: Plastic and elastic protein copolymers
Date data recorded-CRF: 20 Nov 2003
Atty Docket: 133-02 US
Application No.:
Appln Filing Date: 21 Nov 2003
Diskette No.: 1 of 1
Copy to (check one): USPTO X Atty

Copy to (check one): USPTO_X_ Atty__

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